Please type a	olus sian (+)) inside this i	Co

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complete if Known				
Application Number	09/493,517			
Filing Date	28 January 2000			
First Named Inventor	Matthew Fuchs			
Group Art Unit	2176			
Examiner Name	The state of the s			
Attorney Docket Number	CMRC 1012-1			

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2 .
MK		Editors: DAN BRICKLEY and R.V. GUHA, "Resource Description Framework (RDF) Schema Specification", W3C Proposed Recommendation 03 March 1999, W3C XP-002203858, available at http://www.w3.org/TR/1999/PR-rdf-schema-19990303, 1-29.	
MK		Editors: DAVID BEECH et al., "XML Schema Part 1: Structures", W3C Working Draft 6-May-1999, W3C XP-002203859, available at http://www.w3.org/1999/05/06-xmlschema-1, 1-53.	
MK		Editors: PAUL V. BIRON and ASHOK MALHOTRA, "XML Schema Part 2: Datatypes", World Wide Web Consortium Working Draft 06-May-1999, W3C XP-002203860, available at http://www.w3.org/1999/05/06-xmlschema-2, 1-28.	
MK		KENT BROWN, "BizTalk: Fluent in E-Business", XP-002203861, 1-6, Dec. 1999.	
MK	C16	W. YEONG, T. HOWES, S. KILLE, "Lightweight Directory Access Protocol", ISODE Consortium, March 1995, 1-19.	
ΜK	C17	R. MOATS, "URN Syntax", AT&T, May 1997, 1-7.	
MK	C18	NILS KLARLUND, ANDERS MOLLER, MICHAEL I. SCHWARTZBACH, "Document Structure Description 1.0", AT&T and BRICS 1999, XP-002203865, 1-34.	
MK	C19	K. NARAYANASWAMY, K.V. BAPA RAO, "An Incremental Mechanism for Schema Evolution in Engineering Domains", IEEE 1988, 294-300.	
MK	C20	Editors: TIM BRAY, JEAN PAOLI, C.M. SPERBERG-MCQUEEN, "Extensible Markup Language (XML)", World Wide Web Consortium 8-December 1997, W3C XP-002203864, available at http://www.w3.org/TR/PR-xml-971208, 1-32.	
MK	C21	A. DAVIDSON, M. FUCHS, M. HEDLIN, M. JAIN, J. KOISTINEN, C. LLOYD, M. MALONE, K. SCHWARZHOF, "Schema for Object-Oriented XML 2.0", W3C Note 30 July 1999, W3C XP-002203857, available at http://www.w3/org/1999/07/NOTE-SOX-19990730, 1-22.	
		NOV 1 3 2002	
		Technology Center 2100	

			
Examiner Signature	mailhanhogulea	Date Considered	04/22/04

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

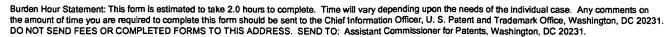
Substitute for form 1449B/PTO				Complete if Known		
				Application Number	09/493,517	
INFORMATION DISCLOSURE			ISCLOSURE	Filing Date	January 28, 2000	
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Matthew Fuchs	
0.7			7 (1 LI D) (1 (1)	Group Art Unit 2176		
	(use as many s	heet	s as necessary)	Examiner Name	Heather R. Herndon	
Sheet	2	of	2	Attorney Docket Number	CMRC 1012-1	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MIC	C1	F. BERGERON and L. RAYMOND, "Managing EDI for corporate advantage: A longitudinal study," Information & Management, 31, 1997, pp. 319-333, Elsevier.	
MK		ROBERT J. BONOMETTI, RAYMOND W. SMITH, and PATRICK E. WHITE, "The Walls Coming Down: Interoperability Opens the Electronic City," The Future of the Electronic Marketplace, The MIT Press, Cambridge, Massachusetts, 1998, pp. 265-301.	
MIC	C3	RICHARD BORT and GERALD R. BIELFELDT, "EDI on the Internet," Handbook of EDI, 1997, pp. B7-1 - B7-19, Warren, Gorham & Lamont, USA.	
MK	C4	DAVID CHAPPELL, "Simple Object Access Protocol (SOAP)," Microsoft Windows: Simple Object Access Protocol Technical Article, September 10, 1999, Microsoft Corporation.	
MIC	C5	P. EMERALD CHUNG, YENNUN HUANG, SHALINI YAJNIK, DERON LIANG, JOANNE C. SHIH, CHUNG-YIH WANG, and YI-MIN WANG, "DCOM and CORBA Side by Side, Step by Step, and Layer by Layer," Can be found at:	
MIC	C6	ISABEL GALLEGO, JAIME DELGADO, and JOSÉ J. ACEBRÓN, "Distributed Models for Brokerage on Electronic Commerce," TREC'98, LINCS 1402, 1998, pp. 129-140, Springer-Verlag Berlin Heidelberg.	
NK	C7	JOHN J. GARGUILO and PAUL MARKOVITZ, "Guidelines for the Evaluation of Electronic data Interchange Products," DRAFT - Technical Report CAML/CLS, December 6, 1995, Gaithersburg, MD, USA.	
	C8	SHIKHAR GHOSH, "Making Business Sense of the Internet," Harvard Business Review, March-April 1998, pp. 126-135.	
MIC	C9	TIMOTHY A. HOWES and MARK C. SMITH, "A Scalable, Deployable, Directory Service Framework for the Internet," April 28, 1995. Can be found at: http://info.isoc.org/HMP/PAPER/173/html/paper.html.	
MIC	C10	LI-PHENG KHOO, SHU BENG TOR, and STEPHEN S. G. LEE, "The Potential of Intelligent Software Agents in the World Wide Web in Automating Part Procurement," International Journal of Purchasing and Materials Management, January 1998, pp. 46-52.	
Mic	C11	FREDERICK J. RIGGINS and HYEUN-SUK (SUE) RHEE, "Toward a Unified View of Electronic Commerce," Communications of the ACM, October 1998, Vol. 41, No. 10, pp. 88-95.	
		<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$

Examiner Signature Markhankna Muon	Date Considered	04/22/04
------------------------------------	-----------------	----------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



Sheet

of

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known				
Application Number	09/493,517			
Filing Date	January 28, 2000			
First Named Inventor	Matthew Fuchs			
Group Art Unit	2176			
Examiner Name	Heather R. Herndon			
Attorney Docket Number	CMRC 1012-1			

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Application Number 09 Filling Date Jan First Named Inventor M: Group Art Unit 21 Examiner Name He

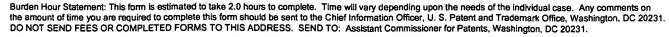
2

U.S. PATENT DOCUMENTS U.S. Patent Document Pages, Columns, Lines, Date of Publication of Name of Patentee or Applicant Examiner Cite Where Relevant Kind Code Cited Document of Cited Document Initials' Passages or Relevant MM-DD-YYYY Figures Appear MK 5,790,677 08-04-1998 Fox et al. 04-11-2000 A2 6,049,785 Gifford MK

	FOREIGN PATENT DOCUMENTS							
Examiner	Examiner Cite		oreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Office ³	Number ⁴	Kind Code ⁵ (<i>If known</i>)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevent Figures Appear	1e
						•		
L		.			 			$ldsymbol{f eta}$
\vdash		igwdown			· · · · · · · · · · · · · · · · · · ·			↓
				-+	· · · · · · · · · · · · · · · · · · ·	ļ	· · · · · · · · · · · · · · · · · · ·	
 -		 						
-		 						╁

Examiner Manchanhymen Signature	Date Considered	04/22/04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English tanguage Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.